



MURSATT CHEMICALS LIMITED  
11 REGALCREST COURT  
WOODBIDGE; ONTARIO, CANADA; L4L 8P3  
(905)-850-8444

PRODUCT: STABILIZER

CODE: MUR0030

**Section 01: CHEMICAL PRODUCT AND COMPANY IDENTIFICATION**

MANUFACTURER/SUPPLIER..... MURSATT CHEMICALS LIMITED  
11 REGALCREST COURT  
WOODBIDGE, ONTARIO  
CANADA  
L4L 8P3  
PREPARED BY..... REGULATORY AFFAIRS  
PREPARATION DATE..... May25/11  
PRODUCT NAME..... STABILIZER  
PRODUCT CODE..... MUR0030  
CHEMICAL FORMULA..... C3H3N3O3.  
MOLECULAR WEIGHT..... 129.07 G/MOLE.  
CHEMICAL FAMILY..... ORGANIC.  
MATERIAL USE..... N.AV.  
EMERGENCY PHONE NO..... CANUTEC (613)-996-6666.

**Section 02: HAZARDS IDENTIFICATION**

ROUTE OF ENTRY:  
SKIN CONTACT..... MAY CAUSE SKIN IRRITATION.  
SKIN ABSORPTION..... N.AV.  
EYE CONTACT..... CAUSES MILD EYE IRRITATION.  
INHALATION..... MAY CAUSE RESPIRATORY TRACT IRRITATION.  
INGESTION..... MAY CAUSE IRRITATION OF THE DIGESTIVE TRACT. MAY DECREASE THE  
APPETITE.  
EFFECTS OF ACUTE EXPOSURE..... SEE ABOVE.  
EFFECTS OF CHRONIC EXPOSURE..... PROLONGED OR REPEATED INGESTION MAY AFFECT THE KIDNEYS, METABOLISM  
(ANOREXIA/WEIGHT LOSS).  
MEDICAL CONDITIONS AGGRAVATED BY  
EXPOSURE..... REPEATED OR PROLONGED EXPOSURE IS NOT KNOWN TO AGGRAVATE MEDICAL  
CONDITION.

**Section 03: COMPOSITION/INFORMATION ON INGREDIENTS**

Hazardous Ingredients	%	Exposure Limit	C.A.S.#	LD/50, Route,Species	LC/50 Route,Species
CYANURIC ACID	100	SEE SECTION 11	108-80-5	SEE SECTION 11	SEE SECTION 11

**Section 04: FIRST AID MEASURES**

EYE CONTACT..... CHECK FOR AND REMOVE ANY CONTACT LENSES. IN CASE OF CONTACT,  
IMMEDIATELY FLUSH EYES WITH PLENTY OF WATER FOR AT LEAST 15 MINUTES.  
COLD WATER MAY BE USED. GET MEDICAL ATTENTION IF IRRITATION OCCURS.  
SKIN CONTACT..... WASH WITH SOAP AND WATER. COVER THE IRRITATED SKIN WITH AN  
EMOLLIENT. GET MEDICAL ATTENTION IF IRRITATION DEVELOPS. COLD WATER  
MAY BE USED.  
INHALATION..... IF INHALED, REMOVE TO FRESH AIR. IF NOT BREATHING, GIVE ARTIFICIAL  
RESPIRATION. IF BREATHING IS DIFFICULT, GIVE OXYGEN. GET MEDICAL  
ATTENTION.  
INGESTION..... DO NOT INDUCE VOMITING UNLESS DIRECTED TO DO SO BY MEDICAL  
PERSONNEL. NEVER GIVE ANYTHING BY MOUTH TO AN UNCONSCIOUS PERSON.  
LOOSEN TIGHT CLOTHING SUCH AS A COLLAR, TIE, BELT OR WAISTBAND. GET  
MEDICAL ATTENTION IF SYMPTOMS APPEAR.  
NOTES TO PHYSICIAN..... N.AV.

**Section 05: FIRE FIGHTING MEASURES**

T.D.G. FLAM. CLASS..... NON FLAMMABLE.  
FLAMMABILITY..... MAY BE COMBUSTIBLE AT HIGH TEMPERATURE.  
EXTINGUISHING MEDIA..... SMALL FIRE: USE DRY CHEMICAL POWDER. LARGE FIRE: USE WATER SPRAY,  
FOG OR FOAM. DO NOT USE WATER JET.  
SPECIAL PROCEDURES..... FIRE-FIGHTERS SHOULD WEAR FULL PROTECTIVE CLOTHING INCLUDING  
SELF-CONTAINED BREATHING APPARATUS.  
FLASH POINT (C), METHOD..... N.AP.  
AUTO IGNITION TEMPERATURE..... N.AV.  
UPPER FLAMMABLE LIMIT (% BY VOL.).... N.AP.  
LOWER FLAMMABLE LIMIT (% BY VOL.)... N.AP.  
EXPLOSION DATA..... N.AV.  
EXPLOSIVE POWER..... N.AV.  
RATE OF BURNING..... N.AV.

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**Section 05: FIRE FIGHTING MEASURES**

SENSITIVITY TO STATIC DISCHARGE..... N.AV.  
 SENSITIVITY TO IMPACT..... NON-EXPLOSIVE IN PRESENCE OF SHOCKS.  
 UNUSUAL FIRE AND EXPLOSION ..... SLIGHTLY EXPLOSIVE IN PRESENCE OF OPEN FLAMES AND SPARKS.  
 HAZARDS NON-EXPLOSIVE IN PRESENCE OF SHOCKS. FINE DUST DISPERSED IN AIR IN SUFFICIENT CONCENTRATIONS, AND IN THE PRESENCES OF AN IGNITION SOURCE IS A POTENTIAL DUST EXPLOSION HAZARD.  
 HAZARDOUS COMBUSTION PRODUCTS.. THESE PRODUCTS ARE CARBON OXIDES (CO, CO<sub>2</sub>), NITROGEN OXIDES (NO, NO<sub>2</sub>...).

**Section 06: ACCIDENTAL RELEASE MEASURES**

LEAK/SPILL..... SMALL SPILL: USE APPROPRIATE TOOLS TO PUT THE SPILLED SOLID IN A CONVENIENT WASTE DISPOSAL CONTAINER. FINISH CLEANING BY SPREADING WATER ON THE CONTAMINATED SURFACE AND DISPOSE OF ACCORDING TO LOCAL AND REGIONAL AUTHORITY REQUIREMENTS. LARGE SPILL: USE A SHOVEL TO PUT THE MATERIAL INTO A CONVENIENT WASTE DISPOSAL CONTAINER. FINISH CLEANING BY SPREADING WATER ON THE CONTAMINATED SURFACE AND DISPOSE OF ACCORDING TO LOCAL AND REGIONAL AUTHORITY REQUIREMENTS.

**Section 07: HANDLING AND STORAGE**

HANDLING PROCEDURES AND ..... KEEP AWAY FROM HEAT. KEEP AWAY FROM SOURCES OF IGNITION. DO NOT EQUIPMENT INGEST. DO NOT BREATHE DUST. IF INGESTED, SEEK MEDICAL ADVICE IMMEDIATELY AND SHOW THE CONTAINER OR THE LABEL. KEEP AWAY FROM INCOMPATIBLES SUCH AS OXIDIZING AGENTS.  
 STORAGE NEEDS..... KEEP CONTAINER TIGHTLY CLOSED. KEEP CONTAINER IN A COOL, WELL-VENTILATED AREA.

**Section 08: EXPOSURE CONTROLS AND PERSONAL PROTECTION**

GLOVES/ TYPE..... PROTECTIVE GLOVES.  
 RESPIRATORY/TYPE..... APPROVED DUST RESPIRATOR.  
 EYE/TYPE..... SAFETY GLASSES, GOOGLES.  
 FOOTWEAR/TYPE..... PROTECTIVE BOOTS.  
 CLOTHING/TYPE..... PROTECTIVE CLOTHING. (LAB COAT).  
 OTHER/TYPE..... ENSURE THAT EYEWASH STATION AND SAFETY SHOWER ARE CLOSE TO WORK-STATION.  
 ENGINEERING CONTROLS..... USE PROCESS ENCLOSURES, LOCAL EXHAUST VENTILATION, OR OTHER ENGINEERING CONTROLS TO KEEP AIRBORNE LEVELS BELOW RECOMMENDED EXPOSURE LIMITS. IF USER OPERATIONS GENERATE DUST, FUME OR MIST, USE VENTILATION TO KEEP EXPOSURE TO AIRBORNE CONTAMINANTS BELOW THE EXPOSURE LIMIT.

**Section 09: PHYSICAL AND CHEMICAL PROPERTIES**

PHYSICAL STATE..... SOLID (CRYSTALS SOLID, CRYSTALLINE POWDER).  
 ODOUR..... ODOURLESS.  
 ODOUR THRESHOLD  
 VAPOUR PRESSURE (MMHG)..... N.AP.  
 VAPOUR DENSITY (AIR=1)..... N.AP.  
 BY VOLUME  
 BY WEIGHT  
 EVAPORATION RATE..... N.AP.  
 BOILING POINT..... N.AP.  
 MELTING POINT (C)..... 360°C (680°F).  
 PH..... N.AP.  
 SPECIFIC GRAVITY (WATER=1)..... 2.5.  
 SOLUBILITY IN WATER (% W/W)..... 2000 MG/L @ 25 (C).  
 COEFFICIENT OF WATER/OIL DIST..... N.AV.

**Section 10: STABILITY AND REACTIVITY**

CHEMICAL STABILITY:..... STABLE.  
 CONDITIONS TO AVOID..... EXCESS HEAT, DUST GENERATE, MOIST AIR OR WATER, INCOMPATIBLE MATERIALS.  
 MATERIALS TO AVOID..... REACTIVE WITH OXIDIZING AGENTS. VIOLENT REACTION WITH ETHANOL.  
 HAZARDOUS PRODUCTS OF ..... SEE HAZARDOUS COMBUSTION PRODUCTS.  
 DECOMPOSITION  
 HAZARDOUS POLYMERIZATION..... WILL NOT OCCUR.

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**Section 11: TOXICOLOGICAL INFORMATION**

EXPOSURE LIMIT OF MATERIAL..... N.AV.  
 LC 50 OF MATERIAL, SPECIES & ROUTE.. N.AV.  
 LD 50 OF MATERIAL, SPECIES & ROUTE.. 3400 MG/KG (ORAL, MOUSE). >5000 MG/KG (DERMAL, RABBIT).  
 CARCINOGENICITY OF MATERIAL..... MAY CAUSE CANCER BASED ON ANIMAL TEST DATA.  
 REPRODUCTIVE EFFECTS..... N.AV.  
 IRRITANCY OF MATERIAL..... SEE SECTION 2.  
 SENSITIZING CAPABILITY OF MATERIAL. N.AV.  
 SYNERGISTIC MATERIALS..... N.AV.  
 MUTAGENICITY..... N.AV.  
 TERATOGENICITY..... N.AV.

**Section 12: ECOLOGICAL CONSIDERATIONS**

ECOLOGICAL INFORMATION  
 BIODEGRADATION..... POSSIBLY HAZARDOUS SHORT TERM DEGRADATION PRODUCTS ARE NOT LIKELY. HOWEVER, LONG TERM DEGRADATION PRODUCTS MAY ARISE. THE PRODUCT ITSELF AND ITS PRODUCTS OF DEGRADATION ARE NOT TOXIC.

**Section 13: DISPOSAL CONSIDERATIONS**

WASTE DISPOSAL..... DISPOSE IN ACCORDANCE WITH ALL APPLICABLE REGULATIONS.

**Section 14: TRANSPORT INFORMATION**

TDG CLASSIFICATION..... NOT REGULATED.  
 UN NUMBER..... N.AP.  
 PACKING GROUP..... N.AP.  
 SPECIAL SHIPPING INSTRUCTIONS..... NOT REGULATED.

**Section 15: REGULATORY INFORMATION**

WHMIS CLASSIFICATION..... THIS IS NOT A WHMIS CONTROLLED PRODUCT.  
 CPR COMPLIANCE..... THIS PRODUCT HAS BEEN CLASSIFIED IN ACCORDANCE WITH THE HAZARD CRITERIA OF THE CPR AND THE MSDS CONTAINS ALL THE INFORMATION REQUIRED BY THE CPR.

**Section 16: OTHER INFORMATION**

N.AP.=NOT APPLICABLE  
 N.AV.=NOT AVAILABLE  
 OTHER INFORMATION.....

THE DATA IN THIS MSDS RELATES ONLY TO THE SPECIFIC MATERIAL DESIGNATED HEREIN AND DOES NOT RELATE TO USE IN COMBINATION WITH ANY OTHER MATERIAL OR IN ANY PROCESS. THIS DATA IS OFFERED IN GOOD FAITH AS TYPICAL VALUES AND NOT AS PRODUCT SPECIFICATIONS. NO WARRANTY, EITHER EXPRESSED OR IMPLIED, IS HEREBY MADE. THE RECOMMENDED INDUSTRIAL HYGIENE AND SAFE HANDLING PROCEDURES ARE BELIEVED TO BE GENERALLY APPLICABLE. HOWEVER, EACH USER SHOULD REVIEW THESE RECOMMENDATIONS IN THE SPECIFIC CONTEXT OF THE INTENDED USE AND DETERMINE WHETHER THEY ARE APPROPRIATE.